

## Valve Specification

Wafer needle valve for proportional control of minute flow rate. Because the main body is made of super engineering plastic, stable flow control is possible even when used for acid or alkaline fluids.

### Specifications

Model	NP
Type	Wafer type needle valve
Fluid	Oils, Gas, Chemicals
Flow direction	With designated flow direction
Application	Flow control
Max working pressure	1 MPa
Max allowable pressure	1 MPa
Seat leakage volume	$10^{-4} \times$ Rated Cv value or less. (JIS B2005-4 Class IV or less.)
Range ability	30:1

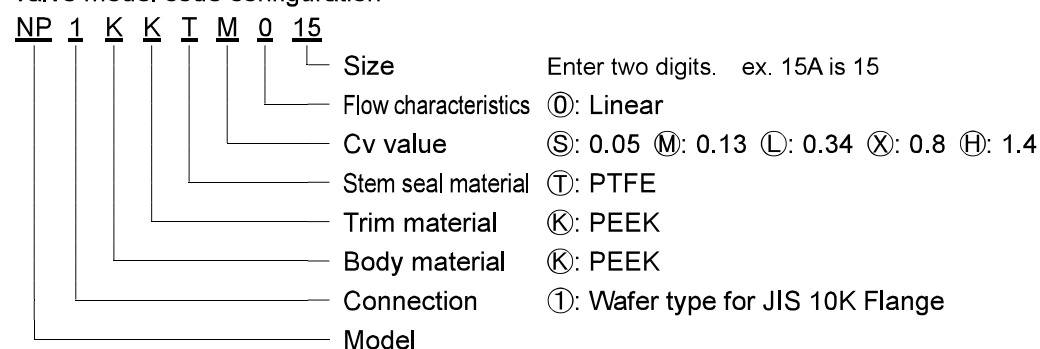
### Production range

Connection	Wafer type for JIS 10K Flange
Body material	PEEK
Trim material	PEEK
Seat	None
Stem seal material	PTFE*1
Cv value	0.05 / 0.13 / 0.34 / 0.8*2 / 1.4*2
Flow characteristics	Linear
Size	15A

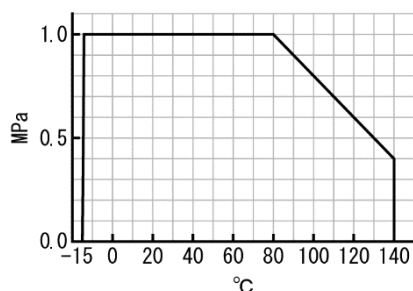
\*1 An FKM O-ring is installed on top of the stem seal for secondary sealing.

\*2 Specifications with Cv values of 0.8 and 1.4 are made to order.

### Valve model code configuration



### Pressure & Temperature rating



### Flow characteristic

